

The Battle of Neighbourhoods (Part-1)

Introduction

New York is the largest city in the United states with a lot of immigration. The population of New York city was close to 8.5 million in 2014. The large portion of these immigrants includes Chinese, Indians and French. This is a hypothetic project to identify the potential clusters of area having Indian restaurants to determine which areas would be better to open new Indian restaurants.

By using data science methods and tools along with the machine learning algorithms such as clustering, the project aims to provide solution to answer few business considerations.

Target Audience

The entrepreneur who wants to find the location to open Indian restaurant in New York.

Data

To solve the problem, following data is needed

1. Lists of neighbourhoods in New York.

2. Latitude and longitude of these neighbourhoods
3. Data related to venue of different restaurants to identify which area should be suitable for opening an Indian restaurant.

Problem Statements:

1. Identify and visualize all major neighbourhoods of New York City having great Indian restaurants.
2. To determine the best location in New York city for Indian restaurant.
3. Areas having potential to have Indian restaurant.
4. The areas which are having less or no Indian restaurant
5. The best place in New York for Indian cuisine.